

**KONRAD RAYNES & VICTOR, LLP**

315 S. Beverly Drive, Suite 210  
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Patent Examining Corps  
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FROM: David W. Victor

OUR REF: 0037.0096  
TELEPHONE: 310-556-7983

Total pages, including cover letter: 26

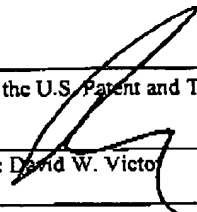
PTO FAX NUMBER 1-703-872-9306

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Description of Documents Transmitted: POWER OF ATTORNEY AND  
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RECORDATION OF ASSIGNMENT

Applicant: P.L. Bradshaw et al.  
Serial No.: 09/972,207  
Filed: October 5, 2001  
Group Art Unit: 2145  
Docket No.: SJO920010097US1

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on  
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By:   
Name: David W. Victor

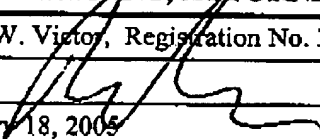
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0037.0096

<b>TRANSMITTAL FORM</b>	Application Number	09/972,207
<i>(To be used for all correspondence after initial filing)</i>	Filing Date	October 5, 2001
	Inventor	P.L. Bradshaw et al.
	Group Art Unit	2145
	Examiner Name	A.Q. Choudhury
Total Number of Pages in this Submission: 25	Attorney Docket Number	SJO920010097US1

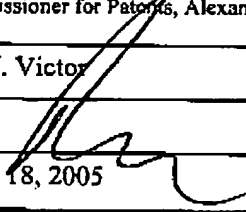
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--	---	---

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual Name:	David W. Victor, Registration No. 39,867
Signature:	
Date:	February 18, 2005
KONRAD RAYNES & VICTOR, LLP 315 South Beverly Drive, Suite 210 Beverly Hills, California 90212 (310) 556-7983	
<input checked="" type="checkbox"/> The Commissioner is authorized to charge any deficiency of fees, or credit any overpayment, to Deposit Account No. 09-0466	

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s):	P.L. Bradshaw et al.	Examiner	2145
Serial No.	09/972,207	Group Art Unit	A.Q. Choudhury
Filed	October 5, 2001	Docket No.	SJ0920010097US1
TITLE	STORAGE AREA NETWORK METHODS AND APPARATUS WITH HIERARCHICAL FILE SYSTEM EXTENSION POLICY		

**POWER OF ATTORNEY AND  
CORRESPONDENCE ADDRESS INDICATION FORM**

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint the Practitioners associated with the Customer Number:

**46917**

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to the address associated with the above-mentioned Customer Number.

I am the:

☐

Applicant/Inventor

☒

Assignee of record of the entire interest. (Statement under 37 CFR 3.73(b) is

enclosed)

**SIGNATURE of Applicant or Assignee of Record**

Signature:	<i>Lynne D. Anderson</i>	Date:	2-18-05
Name	Lynne D. Anderson	Title	Program Manager - U.S. Patent and Trademark Office Liaison
Company	International Business Machines Corporation		
Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.			
<input type="checkbox"/> *Total of _____ forms are submitted.			

7032991476 TO 913105567984

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**STATEMENT UNDER 37 CFR 3.73(b)**

FEB 18 2005

Applicant/Patent Owner: International Business Machines Corporation

Application No./Patent No.: 09/072,207

Filing/Issue Date: October 5, 2001

Entitled: STORAGE AREA NETWORK METHODS AND APPARATUS WITH HIERARCHICAL FILE SYSTEM EXTENSION POLICY

International Business Machines Corporation  
(Name of Assignee)

Corporation  
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel Q12726, Frame Q112, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

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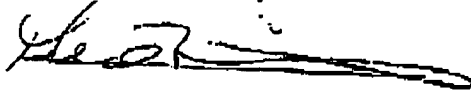
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature:	<u>Lynne D. Anderson</u>	Date:	<u>2-18-05</u>
Name	<u>Lynne D. Anderson</u>	Telephone Number	<u>703-299-1455</u>
Title	<u>Program Manager - U.S. Patent and Trademark Office Liaison</u>		

LETTER OF AUTHORITY

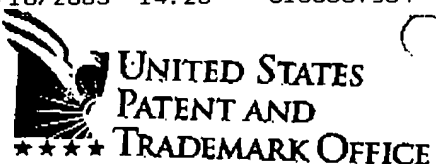
I, Gerald Rosenthal, Vice President, Intellectual Property and Licensing of International Business Machines Corporation (IBM), a New York corporation, do hereby delegate the authority to approve and execute documents on behalf of IBM relating to proceedings in the Patent, Trademark Registration or Copyright Offices servicing any country or region of the world, or to related appeal proceedings, including, but not limited to: petitions; powers of Attorney; authorizations; verification; nominations of representatives; declarations; documents relating to maintenance and defense of the resulting industrial property rights; assignments of rights to apply for and acquire patents and trademark registrations; and evidence of such assignments; requests for the registration of patents as available for licensing; reports of inventions and petitions for waiver of patent rights to any department or agency of the United States Government; and, assignments, licenses and other instruments confirmatory of Government rights in patents and inventions, to Lyne D. Anderson, Program Manager, Patent Office Liaison.

Date: April 6, 2004



Gerald Rosenthal  
Vice President, Intellectual Property & Licensing  
International Business Machines Corporation

\*\* TOTAL PAGE. 04 \*\*



MAY 23, 2002

NUTTER, MCCLENNEN & FISH  
DAVID J. POWSNER  
ONE INTERNATIONAL PLACE  
BOSTON, MA 02110-2699

PTAS

Chief Information Officer  
Washington, DC 20231  
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\*102039425A\*

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RECORDATION DATE: 03/15/2002

REEL/FRAME: 012726/0112  
NUMBER OF PAGES: 18

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BRADSHAW, PAUL LAWRENCE

DOC DATE: 12/24/2001

ASSIGNOR:

DELAIRE, BRIAN AUGUSTINE

DOC DATE: 02/21/2002

ASSIGNOR:

DOUGLAS, DANIEL GRAHAM

DOC DATE: 12/13/2001

ASSIGNOR:

DUNHAM, DOUGLAS PAUL

DOC DATE: 12/12/2001

ASSIGNOR:

DUNTON, TINA LYNN

DOC DATE: 01/07/2002

ASSIGNOR:

GROVES, DAVID WILSON

DOC DATE: 01/02/2002

ASSIGNOR:

HOANG, VINCENT JOMARTIN

DOC DATE: 12/11/2001

012726/0112 PAGE 2

ASSIGNOR:  
HOBBS, NANCY LOTT

DOC DATE: 12/12/2001

ASSIGNOR:  
HSU, HIS TAI (STEVE)

DOC DATE: 02/23/2002

ASSIGNOR:  
LORBER, LOUIS LEO

DOC DATE: 12/12/2001

ASSIGNOR:  
NGUYEN, NGOC V.

DOC DATE: 12/14/2001

ASSIGNOR:  
TEVIS, GREGORY JOHN

DOC DATE: 02/26/2002

ASSIGNOR:  
YIP, OPHELIA K.

DOC DATE: 02/27/2002

ASSIGNEE:  
INTERNATIONAL BUSINESS MACHINES  
CORPORATION  
NEW ORCHARD ROAD  
ARMONK, NEW YORK 10504

SERIAL NUMBER: 09972207  
PATENT NUMBER:

FILING DATE: 10/05/2001  
ISSUE DATE:

MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

FORM PTO-1015A  
Expires 06/30/99  
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Execution Date  
Month Day Year

12242001

Name (line 2)

## Second Party

Name (line 1) Brian Augustine Delaire

Execution Date  
Month Day Year

02212002

Name (line 2)

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Name (line 1) International Business Machines Corporation

Name (line 2)

Address (line 1) New Orchard Road

Address (line 2)

Address (line 3) Armonk

New York

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Name (line 1) Daniel Graham Douglas

Execution Date  
Month Day Year

12132001

Name (line 2)

Name (line 1) Douglas Paul Dunham

Execution Date  
Month Day Year

12122001

Name (line 2)

Name (line 1) Tina Lynn Dunton

Execution Date  
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Month Day Year

01022002

Name (line 2)

Name (line 1) Vincent Jomartin Hoang

Execution Date  
Month Day Year

12112001

Name (line 2)

Name (line 1) Nancy Lott Hobbs

Execution Date  
Month Day Year

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Name (line 2)

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Name (line 1) His Tai (Steve) Hsu

Execution Date  
Month Day Year

02232002

Name (line 2)

Name (line 1) Louis Leo Lorber

Execution Date  
Month Day Year

12122001

Name (line 2)

Name (line 1) Ngoc V. Nguyen

Execution Date  
Month Day Year

12142001

Name (line 2)

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Enter additional Conveying Parties

Name (line 1) Gregory John Tevis

Execution Date  
Month Day Year

02262002

Name (line 2)

Name (line 1) Ophelia K. Yip

Execution Date  
Month Day Year

02272002

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

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Patent Application Number(s)

Patent Number(s)

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## ASSIGNMENT

Whereas, we

(1) Paul Lawrence Bradshaw of 309 Heavenly Way, Santa Cruz,  
County of Santa Cruz and State of California,  
and (2) Brian Augustine Delaire of 38448 Crosspointe Cmn., Fremont,  
County of Alameda and State of California,  
and (3) Daniel Graham Douglas of 1607 Puerto Vallarta Drive, San Jose,  
County of Santa Clara and State of California,  
and (4) Douglas Paul Dunham of 89 Cashew Blossom Drive, San Jose,  
County of Santa Clara and State of California,  
and (5) Tina Lynn Dunion of 5690 Lilac Blossom Lane, San Jose,  
County of Santa Clara and State of California,  
and (6) David Wilson Groves of 1118 Settle Avenue, San Jose,  
County of Santa Clara and State of California,  
and (7) Vincent Jomartin Hoang of 1094 Saddlewood Drive, San Jose,  
County of Santa Clara and State of California,  
and (8) Nancy Lott Hobbs of 969 Leighton Way, Sunnyvale,  
County of Santa Clara and State of California,  
and (9) His Tai (Steve) Hsu of , ,  
County of and State of ,  
and (10) Louis Leo Lorber of 205 Alviso Street, Santa Clara,  
County of Santa Clara and State of California,  
and (11) Ngoc V. Nguyen of , ,  
County of and State of ,  
and (12) Gregory John Tevis of 2811 West Puccini Place, Tucson,  
County of Pima and State of Arizona,  
and (13) Ophelia K. Yip of 1717 Taraval Street, San Francisco,  
County of San Francisco and State of California,

have invented certain improvements in

STORAGE AREA NETWORK METHODS AND APPARATUS WITH HIERARCHICAL FILE SYSTEM  
EXTENSION POLICY

and executed, respectively, a United States patent application therefor on

(1) 12/24, 2001, (2) \_\_\_\_\_, 2001, (3) \_\_\_\_\_, 2001, (4) \_\_\_\_\_, 2001,  
(5) \_\_\_\_\_, 2001, (6) \_\_\_\_\_, 2001, (7) \_\_\_\_\_, 2001, (8) \_\_\_\_\_, 2001,  
(9) \_\_\_\_\_, 2001, (10) \_\_\_\_\_, 2001, (11) \_\_\_\_\_, 2001, (12) \_\_\_\_\_, 2001,  
(13) \_\_\_\_\_, 2001

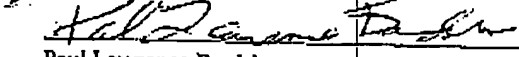
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desired to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

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U.S. EXPRESS MAIL LABEL NO.: EL 835 825 671 US

DOCKET: SJ09-2001-0097

## Signed and sealed

(1) at <u>7:56 PM</u>		Signature
on <u>12/27/01</u> , 2001,	Paul Lawrence Bradshaw	Inventor
(2) at _____	_____	Signature
on _____, 2001,	Brian Augustinc Delaire	Inventor
(3) at _____	_____	Signature
on _____, 2001,	Daniel Graham Douglas	Inventor
(4) at _____	_____	Signature
on _____, 2001,	Douglas Paul Dunham	Inventor
(5) at _____	_____	Signature
on _____, 2001,	Tina Lynn Duntion	Inventor
(6) at _____	_____	Signature
on _____, 2001,	David Wilson Groves	Inventor
(7) at _____	_____	Signature
on _____, 2001,	Vincent Jomartin Hoang	Inventor
(8) at _____	_____	Signature
on _____, 2001,	Nancy Lott Hobbs	Inventor
(9) at _____	_____	Signature
on _____, 2001,	His Tai (Steve) Hsu	Inventor
(10) at _____	_____	Signature
on _____, 2001,	Louis Leo Lorber	Inventor
(11) at _____	_____	Signature
on _____, 2001,	Ngoc V. Nguyen	Inventor
(12) at _____	_____	Signature
on _____, 2001,	Gregory John Tevis	Inventor
(13) at _____	_____	Signature
on _____, 2001,	Ophelia K. Yip	Inventor

U.S. EXPRESS MAIL LABEL NO.: EL 835 825 671 US

DOCKET: SJ09-2001-0097

## ASSIGNMENT

Whereas, we

(1) Paul Lawrence Bradshaw of 309 Heavenly Way, Santa Cruz,  
County of Santa Cruz and State of California,  
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and (3) Daniel Graham Douglas of 1607 Puerto Vallarta Drive, San Jose,  
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County of and State of ,  
and (10) Louis Leo Lorber of 205 Alviso Street, Santa Clara,  
County of Santa Clara and State of California,  
and (11) Ngoc V. Nguyen of , ,  
County of and State of ,  
and (12) Gregory John Tevis of 2811 West Puccini Place, Tucson,  
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STORAGE AREA NETWORK METHODS AND APPARATUS WITH HIERARCHICAL FILE SYSTEM  
EXTENSION POLICY

and executed, respectively, a United States patent application therefor on

(1) \_\_\_\_\_, 2001, (2) 12/21/02, ~~2001~~, (3) \_\_\_\_\_, 2001, (4) 12/12, 2001,  
(5) 01/07/02, ~~2001~~, (6) 1/2, 2001, (7) 12/11, 2001, (8) 12/12, 2001,  
(9) \_\_\_\_\_, 2001, (10) 12/12, 2001, (11) \_\_\_\_\_, 2001, (12) \_\_\_\_\_, 2001,  
(13) 02/27/02, ~~2001~~

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DOCKET: SJ09-2001-0097

## Signed and sealed

(1) at _____	_____	Signature
on _____, 2001,	Paul Lawrence Bradshaw	Inventor
(2) at <u>San Jose</u>	<u>Brian Augustine Delaire</u>	Signature
on <u>2/21/02</u> , 2001,	Brian Augustine Delaire	Inventor
(3) at _____	_____	Signature
on _____, 2001,	Daniel Graham Douglas	Inventor
(4) at <u>San Jose</u>	<u>Douglas Paul Dunham</u>	Signature
on <u>12/12</u> , 2001,	Douglas Paul Dunham	Inventor
(5) at <u>San Jose</u>	<u>Tina Lynn Dunton</u>	Signature
on <u>1-7-2002</u> , 2001,	Tina Lynn Dunton	Inventor
(6) at <u>SAN JOSE</u>	<u>David W. Groves</u>	Signature
on <u>1/2</u> , 2001,	David Wilson Groves	Inventor
(7) at <u>San Jose</u>	<u>Vincent Hoang</u>	Signature
on <u>12/11</u> , 2001,	Vincent Jomartin Hoang	Inventor
(8) at <u>San Jose</u>	<u>Nancy Lott Hobbs</u>	Signature
on <u>12/12</u> , 2001,	Nancy Lott Hobbs	Inventor
(9) at _____	_____	Signature
on _____, 2001,	His Tai (Steve) Hsu	Inventor
(10) at <u>San Jose</u>	<u>Louis Leo Lorber</u>	Signature
on <u>12, 12</u> , 2001,	Louis Leo Lorber	Inventor
(11) at _____	_____	Signature
on _____, 2001,	Ngoc V. Nguyen	Inventor
(12) at _____	_____	Signature
on _____, 2001,	Gregory John Tevis	Inventor
(13) at <u>San Jose</u>	<u>Ophelia K. Yip</u>	Signature
on <u>2/27/02</u> , 2001,	Ophelia K. Yip	Inventor

U.S. EXPRESS MAIL LABEL NO.: EL 835 825 671 US

DOCKET: SJ09-2001-0097

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(5) \_\_\_\_\_, 2001, (6) \_\_\_\_\_, 2001, (7) \_\_\_\_\_, 2001, (8) \_\_\_\_\_, 2001,  
(9) \_\_\_\_\_, 2001, (10) \_\_\_\_\_, 2001, (11) \_\_\_\_\_, 2001, (12) \_\_\_\_\_, 2001,  
(13) \_\_\_\_\_, 2001

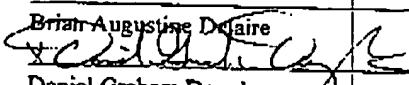
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with the United States and foreign applications when called upon to do so by IBM.

U.S. EXPRESS MAIL LABEL NO.: EL 835 825 671 US

DOCKET: SJ09-2001-0097

## Signed and sealed

(1) at _____	_____	Signature
on _____, 2001,	Paul Lawrence Bradshaw	Inventor
(2) at _____	_____	Signature
on _____, 2001,	Brian Augustine Delaire	Inventor
(3) at <u>Los Angeles, CA</u>		Signature
on <u>Dec 13</u> , 2001,	Daniel Graham Douglas	Inventor
(4) at _____	_____	Signature
on _____, 2001,	Douglas Paul Dunham	Inventor
(5) at _____	_____	Signature
on _____, 2001,	Tina Lynn Dunton	Inventor
(6) at _____	_____	Signature
on _____, 2001,	David Wilson Groves	Inventor
(7) at _____	_____	Signature
on _____, 2001,	Vincent Jomartin Hoang	Inventor
(8) at _____	_____	Signature
on _____, 2001,	Nancy Lott Hobbs	Inventor
(9) at _____	_____	Signature
on _____, 2001,	His Tai (Steve) Hsu	Inventor
(10) at _____	_____	Signature
on _____, 2001,	Louis Leo Lorber	Inventor
(11) at _____	_____	Signature
on _____, 2001,	Ngoc V. Nguyen	Inventor
(12) at _____	_____	Signature
on _____, 2001,	Gregory John Tevis	Inventor
(13) at _____	_____	Signature
on _____, 2001,	Ophelia K. Yip	Inventor

U.S. EXPRESS MAIL LABEL NO.: EL 835 825 671 US

DOCKET: SJ09-2001-0097

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County of ~~and State of~~ Alameda, State of California  
and (10) Louis Leo Lorber of 205 Alviso Street, Santa Clara,  
County of Santa Clara and State of California,  
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(5) \_\_\_\_\_, 2001, (6) \_\_\_\_\_, 2001, (7) \_\_\_\_\_, 2001, (8) \_\_\_\_\_, 2001,  
(9) 02/23/02, 2001, (10) \_\_\_\_\_, 2001, (11) \_\_\_\_\_, 2001, (12) \_\_\_\_\_, 2001,  
(13) \_\_\_\_\_, 2001

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U.S. EXPRESS MAIL LABEL NO.: EI. 835 825 671 US

DOCKET: SJ09-2001-0097

Signed and sealed

(1) at _____	_____	Signature
on _____, 2001,	Paul Lawrence Bradshaw	Inventor
(2) at _____	_____	Signature
on _____, 2001,	Brian Augustine Delaire	Inventor
(3) at _____	_____	Signature
on _____, 2001,	Daniel Graham Douglas	Inventor
(4) at _____	_____	Signature
on _____, 2001,	Douglas Paul Dunham	Inventor
(5) at _____	_____	Signature
on _____, 2001,	Tina Lynn Dunton	Inventor
(6) at _____	_____	Signature
on _____, 2001,	David Wilson Groves	Inventor
(7) at _____	_____	Signature
on _____, 2001,	Vincent Jomartin Hoang	Inventor
(8) at _____	_____	Signature
on _____, 2001,	Nancy Lott Hobbs	Inventor
(9) at <u>Fremont</u>	<i>for Tai Hsu</i>	Signature
on <u>2/23/02</u> , 2001,	His Tai (Steve) Hsu	Inventor
(10) at _____	_____	Signature
on _____, 2001,	Louis Leo Lorber	Inventor
(11) at _____	_____	Signature
on _____, 2001,	Ngoc V. Nguyen	Inventor
(12) at _____	_____	Signature
on _____, 2001,	Gregory John Tevis	Inventor
(13) at _____	_____	Signature
on _____, 2001,	Ophelia K. Yip	Inventor

U.S. EXPRESS MAIL LABEL NO.: EL 835 825 671 US

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on _____, 2001,	Nancy Lott Hobbs	Inventor
(9) at _____	_____	Signature
on _____, 2001,	Hls Tai (Steve) Hsu	Inventor
(10) at _____	_____	Signature
on _____, 2001,	Louis Leo Lorber	Inventor
(11) at <u>San Jose</u>	<u>X N Nguyen</u>	Signature
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(12) at <u>IVISON</u>	<u>Gregory John Tevis</u>	Signature
on <u>2-26</u> , 2001,	Gregory John Tevis	Inventor
(13) at _____	_____	Signature
on _____, 2001,	Ophelia K. Yip	Inventor

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Bradshaw et al.  
Serial No. 09/972,207  
Filing Date: October 5, 2001  
for STORAGE AREA NETWORK METHODS  
AND APPARATUS WITH  
HIERARCHICAL FILE SYSTEM  
EXTENSION POLICY

Examiner:

Art Unit:

Attorney Docket: SJ09-2001-0097

## CERTIFICATE OF MAILING

The undersigned certifies that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first class mail addressed to the United States Patent and Trademark Office, Office of Public Records, Crystal Gateway 4, Room 335, Washington, DC 20231.

Date: 3/8/02

David J. Powsner, Reg. No. 31,868

UNITED STATES PATENT AND TRADEMARK OFFICE  
OFFICE OF PUBLIC RECORDS  
CRYSTAL GATEWAY 4  
ROOM 335  
WASHINGTON, DC 20231

## TRANSMITTAL LETTER

Sir:

Please find enclosed:

- Six (6) One (1) am 3/8/02*
- (1) Assignment and Recordation Sheet;
  - (2) Check in the amount of \$40.00 to cover recordation fees; and
  - (3) Return postcard.

Please charge any additional fees that may be required to Deposit Account No. 141449.

Date: 3/8/02

Respectfully submitted,

David J. Powsner, Reg. No. 31,868

ATTORNEYS OF APPLICANTS  
Nutter, McClennen & Fish LLP  
One International Place  
Boston, MA 02110-2699  
Telephone: 617-439-2717  
Telefax: 617-310-9717

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